



**DEPARTMENT OF TRANSPORTATION
HAZARDOUS MATERIALS REGULATIONS BOARD
WASHINGTON, D.C. 20590**

13837

[Docket No. HM-49; Amdts. 172-6, 173-33]

**PART 172—COMMODITY LIST OF EX-
PLOSIVES AND OTHER DANGEROUS
ARTICLES CONTAINING THE SHIP-
PING NAME OR DESCRIPTION OF
ALL ARTICLES SUBJECT TO PARTS
170-189 OF THIS CHAPTER**

PART 173—SHIPPERS

Dimethyl Ether in Cargo Tanks

The purpose of this amendment to the Hazardous Materials Regulations of the Department of Transportation is to authorize the transportation of dimethyl ether, a flammable compressed gas, in specifications MC 330 and MC 331 cargo tanks.

On June 2, 1970, the Hazardous Materials Regulations Board published a notice of proposed rule making, Docket No. HM-49; Notice No. 70-10 (35 F.R. 8502) which proposed the amendment to authorize the use of MC 330 and MC 331 cargo tanks in dimethyl ether service.

Interested persons were invited to give their views on this proposal. The one

comment received supported the proposal.

Accordingly, 49 CFR Parts 172 and 173 are amended as follows:

I. Part 172 is amended as follows:

In § 172.5 paragraph (a) Commodity List is amended as follows:

§ 172.5 List of explosives and other dangerous articles.

(a) * * *

Article	Classed as—	Exemptions and packing (see sec.)	Label required if not exempt	Maximum quantity in 1 outside container by rail express
*** Change	***	***	***	***
Dimethyl ether.....	F.G.....	173.306, 173.304 173.314, 173.315.	Red Gas.....	300 pounds.
***	***	***	***	***

II. Part 173 is amended as follows:
 In § 173.315 paragraph (a) (1) Table is amended, Note 16 is added; paragraphs (h) (2) Table, and (i) (2) Table are amended as follows:

§ 173.315 Compressed gases in cargo tanks and portable tank containers.

(a) * * *
 (1) * * *

Kind of gas	Maximum permitted filling density		Specification container required	
	Percent by weight (see Note 1)	Percent by volume (see par. (f) of this section)	Type (see Note 2)	Minimum design pressure (p.s.i.g.)
...
<i>Add</i> Dimethyl ether (see Note 16)-----	59	See Note 7-----	MC 330, MC 331...	200
...

NOTE 16: Specifications MC 330 and MC 331 cargo tanks must be equipped with emergency discharge controls that comply with § 178.337-11(c) of this chapter.

(h) * * *
 (2) * * *

Kind of gas:	Permitted gauging device
...	...
<i>Add</i> Dimethyl ether-----	None.
...	...
(1) * * *	
(2) * * *	

Kind of gas:	Minimum start-to-discharge pressure (p.s.i.g.)
...	...
<i>Add</i> Dimethyl ether-----	200
...	...

This amendment is effective December 31, 1970. However, compliance with the regulations as amended herein is authorized immediately.

(Sec. 831-835, title 18, United States Code; sec. 9, Department of Transportation Act, 49 U.S.C. 1657)

Issued in Washington, D.C., on August 26, 1970.

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 rier Safety, Federal Highway
 Administration.

[F.R. Doc. 70-11457; Filed, Aug. 31, 1970;
 8:45 a.m.]